BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Package No.01 (Package consists of 18 works)

Second and Part Bill
Detailed Measurement

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BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Improvement of Drains and Asphalting to Road at Amarajoythi Layout Main Road Left and Right Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

Scanned by CamScanner

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Sub Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvement of Drains and Asphalting to Road at Amarajoythi Layout Main Road Left and Right Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)									
	Amarajoythi Layout									
	New Culvert									
	Durgamba Road									
			1.00	4.80			1.70	0.60	4.90	
							Total		**4.90**	**Cum**
13	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13.(using available stones) (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)									
	Amarajoythi Layout									
	New Culvert									
	Durgamba Road									
			2.00	4.80			0.45	0.45	1.94	
							Total		**1.94**	**Cum**
4	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)									
	Amarajoythi Layout									
	New Culvert									
	Durgamba Road									
			2.00	4.80				0.45	4.32	
							Total		**4.32**	**Sqm**
5	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)									
	Amarajoythi Layout									
	New Culvert									
	Durgamba Road									
			2.00	4.80			0.45	0.10	0.43	
							Total		**0.43**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Sub Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvement of Drains and Asphalting to Road at Amarajoythi Layout Main Road Left and Right Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
16	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)									
	Amarajoythi Layout									
	New Culvert									
	Durgamba Road									
				1.00	4.80			1.70	0.15	1.22	
								Total		**1.22**	**Cum**
23	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	Amarajoythi Layout									
	New Culvert									
	Durgamba Road									
				1.00	4.80			1.20		5.76	
								Total		**5.76**	**Sqm**
	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)									
	Amarajoythi Layout									
	Durgamba Road									
	0.00	30.00		1.00	30.00	5.80	4.90	5.35	0.23	36.92	
	30.00	60.00		1.00	30.00	4.90	5.40	5.15	0.23	35.54	
	60.00	90.00		1.00	30.00	5.40	5.60	5.50	0.23	37.95	
	90.00	120.00		1.00	30.00	5.60	5.20	5.40	0.23	37.26	
	120.00	150.00		1.00	30.00	5.20	5.90	5.55	0.23	38.30	
	150.00	180.00		1.00	30.00	5.90	5.50	5.70	0.23	39.33	
	180.00	210.00		1.00	30.00	5.50	5.00	5.25	0.23	36.23	
	210.00	240.00		1.00	30.00	5.00	5.20	5.10	0.23	35.19	
	240.00	270.00		1.00	30.00	5.20	5.80	5.50	0.23	37.95	
	270.00	289.00		1.00	19.00	5.80	5.90	5.85	0.23	25.56	
								Total		**360.21**	**Cum**

Consultant

21/5/19

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

ode :- 006-18-000097.

of Agency :- Benaka Developers & Project Pvt.Ltd.

:-2nd & Part Bill

Of work : -Improvement of Drains and Asphalting to Road at Amarajoythi Layout Main Road Left and Right Side Cross Roads in Ward Thanisandra), Byatarayanapura Sub Division

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
Amarajoythi Layout										
Durgamba Road										
0.00	30.00		1.00	30.00	5.80	4.90	5.35	0.23	36.92	
30.00	60.00		1.00	30.00	4.90	5.40	5.15	0.23	35.54	
60.00	90.00		1.00	30.00	5.40	5.60	5.50	0.23	37.95	
90.00	120.00		1.00	30.00	5.60	5.20	5.40	0.23	37.26	
120.00	150.00		1.00	30.00	5.20	5.90	5.55	0.23	38.30	
150.00	180.00		1.00	30.00	5.90	5.50	5.70	0.23	39.33	
180.00	210.00		1.00	30.00	5.50	5.00	5.25	0.23	36.23	
210.00	240.00		1.00	30.00	5.00	5.20	5.10	0.23	35.19	
240.00	270.00		1.00	30.00	5.20	5.80	5.50	0.23	37.95	
270.00	289.00		1.00	19.00	5.80	5.90	5.85	0.23	25.56	
							Total		**360.21**	**Cum**
KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg\sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										
Amarajoythi Layout										
Durgamba Road										
0.00	30.00		1.00	30.00	5.80	4.90	5.35		160.50	
30.00	60.00		1.00	30.00	4.90	5.40	5.15		154.50	
60.00	90.00		1.00	30.00	5.40	5.60	5.50		165.00	
90.00	120.00		1.00	30.00	5.60	5.20	5.40		162.00	
120.00	150.00		1.00	30.00	5.20	5.90	5.55		166.50	
150.00	180.00		1.00	30.00	5.90	5.50	5.70		171.00	
180.00	210.00		1.00	30.00	5.50	5.00	5.25		157.50	
210.00	240.00		1.00	30.00	5.00	5.20	5.10		153.00	
240.00	270.00		1.00	30.00	5.20	5.80	5.50		165.00	
270.00	289.00		1.00	19.00	5.80	5.90	5.85		111.15	
							Total		**1566.15**	**Sqm**
KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
Amarajoythi Layout										
Durgamba Road										
0.00	30.00		1.00	30.00	5.80	4.90	5.35		160.50	

15/5/2019

15/5/19

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Name :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Type :-2nd & Part Bill

Name of work : -Improvement of Drains and Asphalting to Road at Amarajoythi Layout Main Road Left and Right Side Cross Roads in Ward (Thanisandra), Byatarayanapura Sub Division

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
30.00	60.00		1.00	30.00	4.90	5.40	5.15		154.50	
60.00	90.00		1.00	30.00	5.40	5.60	5.50		165.00	
90.00	120.00		1.00	30.00	5.60	5.20	5.40		162.00	
120.00	150.00		1.00	30.00	5.20	5.90	5.55		166.50	
150.00	180.00		1.00	30.00	5.90	5.50	5.70		171.00	
180.00	210.00		1.00	30.00	5.50	5.00	5.25		157.50	
210.00	240.00		1.00	30.00	5.00	5.20	5.10		153.00	
240.00	270.00		1.00	30.00	5.20	5.80	5.50		165.00	
270.00	289.00		1.00	19.00	5.80	5.90	5.85		111.15	
							Total		1566.15	Sqm
KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
Amarajoythi Layout										
Durgamba Road										
0.00	30.00		1.00	30.00	5.80	4.90	5.35	0.04	6.42	
30.00	60.00		1.00	30.00	4.90	5.40	5.15	0.04	6.18	
60.00	90.00		1.00	30.00	5.40	5.60	5.50	0.04	6.60	
90.00	120.00		1.00	30.00	5.60	5.20	5.40	0.04	6.48	
120.00	150.00		1.00	30.00	5.20	5.90	5.55	0.04	6.66	
150.00	180.00		1.00	30.00	5.90	5.50	5.70	0.04	6.84	
180.00	210.00		1.00	30.00	5.50	5.00	5.25	0.04	6.30	
210.00	240.00		1.00	30.00	5.00	5.20	5.10	0.04	6.12	
240.00	270.00		1.00	30.00	5.20	5.80	5.50	0.04	6.60	
270.00	289.00		1.00	19.00	5.80	5.90	5.85	0.04	4.45	
							Total		62.65	Cum
KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)										
Amarajoythi Layout										
Durgamba Road										
Edge line							0.10		3.00	
0.00	30.00		1.00	30.00			0.10		3.00	
30.00	60.00		1.00	30.00			0.10		3.00	
60.00	90.00		1.00	30.00			0.10		3.00	
90.00	120.00									

8/6/19

Assistant Executive Engineer

Consultant

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvement of Drains and Asphalting to Road at Amarajoythi Layout Main Road Left and Right Side Cross Roads in Ward No.(Thanisandra), Byatarayanapura Sub Division

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
120.00	150.00		1.00	30.00			0.10		3.00	
150.00	180.00		1.00	30.00			0.10		3.00	
180.00	210.00		1.00	30.00			0.10		3.00	
210.00	240.00		1.00	30.00			0.10		3.00	
240.00	270.00		1.00	30.00			0.10		3.00	
270.00	289.00		1.00	19.00			0.10		1.90	
							Total		28.90	Sqm

9/6/19

Assistant Executive Engineer

9/6/19

Assistant Engineer

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BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

:- 006-18-000097.

Agency :- Benaka Developers & Project Pvt.Ltd.

2nd & Part Bill

Work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra),

yanapura Sub Division

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)										
Edge line										
2nd Cross										
0.00	30.00		2.00	30.00			0.10		6.00	
30.00	60.00		2.00	30.00			0.10		6.00	
60.00	90.00		2.00	30.00			0.10		6.00	
90.00	108.00		2.00	18.00			0.10		3.60	
Main Road										
0.00	30.00		2.00	30.00			0.10		6.00	
30.00	60.00		2.00	30.00			0.10		6.00	
60.00	90.00		2.00	30.00			0.10		6.00	
90.00	120.00		2.00	30.00			0.10		6.00	
120.00	150.00		2.00	30.00			0.10		6.00	
150.00	180.00		2.00	30.00			0.10		6.00	
180.00	210.00		2.00	30.00			0.10		6.00	
210.00	240.00		2.00	30.00			0.10		6.00	
240.00	270.00		2.00	30.00			0.10		6.00	
270.00	300.00		2.00	30.00			0.10		6.00	
300.00	330.00		2.00	30.00			0.10		6.00	
330.00	360.00		2.00	30.00			0.10		6.00	
360.00	387.00		2.00	27.00			0.10		5.40	
387.00	397.00		2.00	10.00			0.10		2.00	
Dcp station back side gate road										
0.00	30.00		2.00	30.00			0.10		6.00	
30.00	60.00		2.00	30.00			0.10		6.00	
60.00	78.60		2.00	18.60			0.10		3.72	
78.60	99.00		2.00	20.40			0.10		4.08	
99.00	110.00		2.00	11.00			0.10		2.20	
110.00	117.00		2.00	7.00			0.10		1.40	
							TOTAL		**124.40**	**Sqm**

Assistant Engineer

Assistant Executive Engineer

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BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Id :- 006-18-000097.

Agency :- Benaka Developers & Project Pvt.Ltd.

2nd & Part Bill

Name of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward (Kanisandra), Byatarayanapura Sub Division

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)										
Edge line										
MS Ramaiah Road										
4th Cross Road (Right)										
0.00	30.00		2.00	30.00			0.10		6.00	
30.00	60.00		2.00	30.00			0.10		6.00	
60.00	90.00		2.00	30.00			0.10		6.00	
90.00	120.00		2.00	30.00			0.10		6.00	
120.00	150.00		2.00	30.00			0.10		6.00	
150.00	180.00		2.00	30.00			0.10		6.00	
180.00	190.60		2.00	10.60			0.10		2.12	
4th Cross Road (Right Continous)										
0.00	15.00		2.00	15.00			0.10		3.00	
15.00	37.80		2.00	22.80			0.10		4.56	
3rd Cross Road (right)										
0.00	30.00		2.00	30.00			0.10		6.00	
30.00	60.00		2.00	30.00			0.10		6.00	
60.00	90.00		2.00	30.00			0.10		6.00	
90.00	120.00		2.00	30.00			0.10		6.00	
120.00	150.00		2.00	30.00			0.10		6.00	
150.00	180.00		2.00	30.00			0.10		6.00	
180.00	193.80		2.00	13.80			0.10		2.76	
2ndCross Road (right)										
0.00	15.00		2.00	15.00			0.10		3.00	
15.00	27.00		2.00	12.00			0.10		2.40	
							Total		**89.84**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
33	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)										
	5th Cross MSR Ramaiah North City										
	0.00	30.00		2.00	30.00			0.10		6.00	
	30.00	60.00		2.00	30.00			0.10		6.00	
	60.00	90.00		2.00	30.00			0.10		6.00	
	90.00	120.00		2.00	30.00			0.10		6.00	
	120.00	150.00		2.00	30.00			0.10		6.00	
	150.00	180.00		2.00	30.00			0.10		6.00	
	180.00	193.00		2.00	13.00			0.10		2.60	
								Total		**38.60**	**Sqm**

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೨೬

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Road at Defence Layout and Fathima Layout Main Road and Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
33	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)										
	Edge line										
	Fatima Layout										
	3rd Main										
	0.00	6.90		2.00	6.90			0.10		1.38	
	6.90	23.00		2.00	16.10			0.10		3.22	
	23.00	38.10		2.00	15.10			0.10		3.02	
	3rd Cross										
	0.00	30.00		2.00	30.00			0.10		6.00	
	30.00	60.00		2.00	30.00			0.10		6.00	
	60.00	90.00		2.00	30.00			0.10		6.00	
	90.00	121.00		2.00	31.00			0.10		6.20	
	2nd Cross										
	0.00	30.00		2.00	30.00			0.10		6.00	
	30.00	60.00		2.00	30.00			0.10		6.00	
	60.00	90.00		2.00	30.00			0.10		6.00	
	90.00	120.00		2.00	30.00			0.10		6.00	
	120.00	143.00		2.00	23.00			0.10		4.60	
	1st Cross										
	0.00	30.00		2.00	30.00			0.10		6.00	
	30.00	60.00		2.00	30.00			0.10		6.00	
	60.00	90.00		2.00	30.00			0.10		6.00	
	90.00	120.00		2.00	30.00			0.10		6.00	
	120.00	150.00		2.00	30.00			0.10		6.00	
	150.00	180.00		2.00	30.00			0.10		6.00	
	180.00	191.00		2.00	11.00			0.10		2.20	
	MS Ramaiah North City										
	Main Road										
	0.00	30.00		2.00	30.00			0.10		6.00	
	30.00	60.00		2.00	30.00			0.10		6.00	
	60.00	90.00		2.00	30.00			0.10		6.00	
	90.00	120.00		2.00	30.00			0.10		6.00	
	120.00	150.00		2.00	30.00			0.10		6.00	

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Road at Defence Layout and Fathima Layout Main Road and Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	150.00	180.00		2.00	30.00			0.10		6.00	
	180.00	210.00		2.00	30.00			0.10		6.00	
	210.00	240.00		2.00	30.00			0.10		6.00	
	240.00	270.00		2.00	30.00			0.10		6.00	
	270.00	300.00		2.00	30.00			0.10		6.00	
	300.00	330.00		2.00	30.00			0.10		6.00	
	330.00	360.00		2.00	30.00			0.10		6.00	
	360.00	382.00		2.00	22.00			0.10		4.40	
	Cross Road 1 (Left)										
	0.00	22.00		2.00	22.00			0.10		4.40	
	Cross Road 2 (Left)										
	0.00	10.00		2.00	10.00			0.10		2.00	
	10.00	21.40		2.00	11.40			0.10		2.28	
	Centre line										
	Fatima Layout										
	1st Cross										
	0.00	30.00		0.50	30.00			0.10		1.50	
	30.00	60.00		0.50	30.00			0.10		1.50	
	60.00	90.00		0.50	30.00			0.10		1.50	
	90.00	120.00		0.50	30.00			0.10		1.50	
	120.00	150.00		0.50	30.00			0.10		1.50	
	150.00	180.00		0.50	30.00			0.10		1.50	
	180.00	191.00		0.50	11.00			0.10		0.55	
	MS Ramaiah North City										
	Main Road										
	0.00	30.00		0.50	30.00			0.10		1.50	
	30.00	60.00		0.50	30.00			0.10		1.50	
	60.00	90.00		0.50	30.00			0.10		1.50	
	90.00	120.00		0.50	30.00			0.10		1.50	
	120.00	150.00		0.50	30.00			0.10		1.50	
	150.00	180.00		0.50	30.00			0.10		1.50	
	180.00	210.00		0.50	30.00			0.10		1.50	
	210.00	240.00		0.50	30.00			0.10		1.50	
	240.00	270.00		0.50	30.00			0.10		1.50	
	270.00	300.00		0.50	30.00			0.10		1.50	
	300.00	330.00		0.50	30.00			0.10		1.50	
	330.00	360.00		0.50	30.00			0.10		1.50	

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Road at Defence Layout and Fathima Layout Main Road and Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	360.00	382.00		0.50	22.00			0.10		1.10	
								Total		**212.35**	**Sqm**

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ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು

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